



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: :
: :
Dahlbäck et al. : Attorney Docket: 19378.0011
: :
Application No.: 09/857,606 : Examiner: T. McGurthy Banks
: :
Filed: August 2, 2001 : Art Unit: 1742

Title: ZIRCONIUM BASED ALLOY AND COMPONENT IN A NUCLEAR PLANT

Response To Office Action

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

In response to the office action issued May 17, 2002, please amend the above-identified application as follows:

In the Claims:

Please cancel claims 1-12 without prejudice to their reentry and enter the following new claims in place thereof:

13. A zirconium-based alloy suitable for use in a corrosive environment where it is subjected to increased radiation, the alloy including zirconium having a quality and impurity level suitable for use in reactors, the alloy comprising:

0.65-1.6 percent by weight Nb;

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